

HANSA

INTERNATIONAL MARITIME JOURNAL

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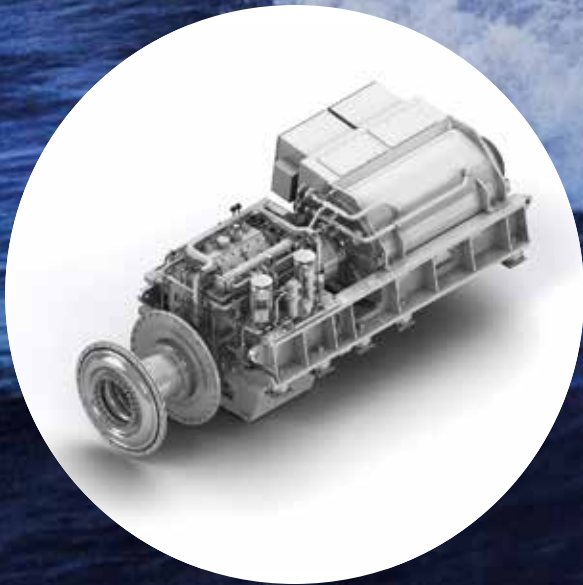
PORTS | OFFSHORE

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According to the company this state-of-the-art controller provides energy-efficient compressor operation whilst also taking into account the inlet and compressor temperature in order to prevent condensate formation in the fluid circuit, even despite fluctuating inlet air humidity – thanks to electronic thermal management (ETM) fluid temperature control. The cooling system and integrated Kaeser axial centrifugal separator with the energy-saving Eco-Drain condensate drain ensure a steady supply of cool, condensate-free compressed air – and the system can also support optional cooling with sea water or air.

Kaeser Kompressoren additionally offers a full range of marine products, including starting air compressors and specially designed screw and rotary blowers, such as those required for supplying oxygen to the wastewater treatment plants on large cruise ships. Rotary blowers are also key components of anti-heeling systems, which ensure stable trim during loading and unloading.

Hall A2, booth 241
www.kaeser.com

KBB Turbochargers

One of the products that turbocharger manufacturer KBB Turbochargers will be showing at SMM is its ST7 cartridge from its ST range. The ST range with radial compressor has been designed for an engine output between 500 and 4,800kW per unit at a maximum pressure ratio of 5.5, development of the ST range begun in 2008 and its now showcasing its 7th generation of turbochargers. KBB also adds that it is further developing an update to its ST range, which will reach a maximum pressure ratio 6,0: 1. According to the company the ST series has a high efficiency and pressure ratio. It also features inboard journal bearings and is lubricated by the engine oil system. The oil is supplied through the turbo support. The series also allows for speed measurements and is interchangeable with the HPR-generation and can be installed on engines up to 4.8MW. KBB will also be exhibiting a scale model of its more recent K2B 'knowledge to boost' two-stage turbo-

charging system. The model consists of the HPA7000 and one HSR6; the HSR6 is a high-pressure turbocharger (2nd stage) with the HPA7000, the larger of the two units, is a low-pressure turbocharger (1st stage). The K2B range is the 8th generation of turbochargers produced by KBB. The K2B can be used on different L- and V-engines (diesel, HFO, gas). The two-stage turbocharging with K2B can be applied to engines with outputs between 0.5 and 5MW and has an overall compressor pressure ratio of up to 10:1.

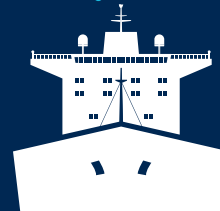
Hall A3, booth 102
www.kbb-turbo.de

Kelvion

Under the motto »Green is the color of our solutions« Kelvion at this year's trade show SMM will present components to enable the merchant-marine industry to enhance its efficiency and/or to reduce NO_x and SO_x emissions. For example, MGO plate heat exchangers, pre-assembled on a rack, serve to cool low-viscosi-

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